SUMMARY OF WATER CONDITIONS

April 1, 2010

March precipitation was somewhat below average, but not far below in the northern California mountain basins where the increase in snow water content during the month was near average. Relatively cool conditions delayed early melt; as a result March runoff was less than forecasted a month ago, but the April through July forecasted snowmelt runoff is a bit higher. Local water supplies should be near average, but large deficits are expected in major water project service areas dependent on exports from the Delta.

Forecasts of April through July runoff have been increased to 95 percent of average, reflecting the favorable snowpack situation with the best percentages in the southern Sierra and the Trinity River basin. Water year forecasts are considerably less at 80 percent.

Snowpack water content is about 105 percent of average compared to 85 percent last year. April 1 is normally the date of maximum accumulation, although early April storms might delay the peak a week or so this year.

Precipitation from October through March was about 105 percent of average compared to 80 percent last year. The best percentages are in the southern portion of the State; the northern third is a bit less than normal. March precipitation was about three-fourths of average for the month and generally stronger in the north.

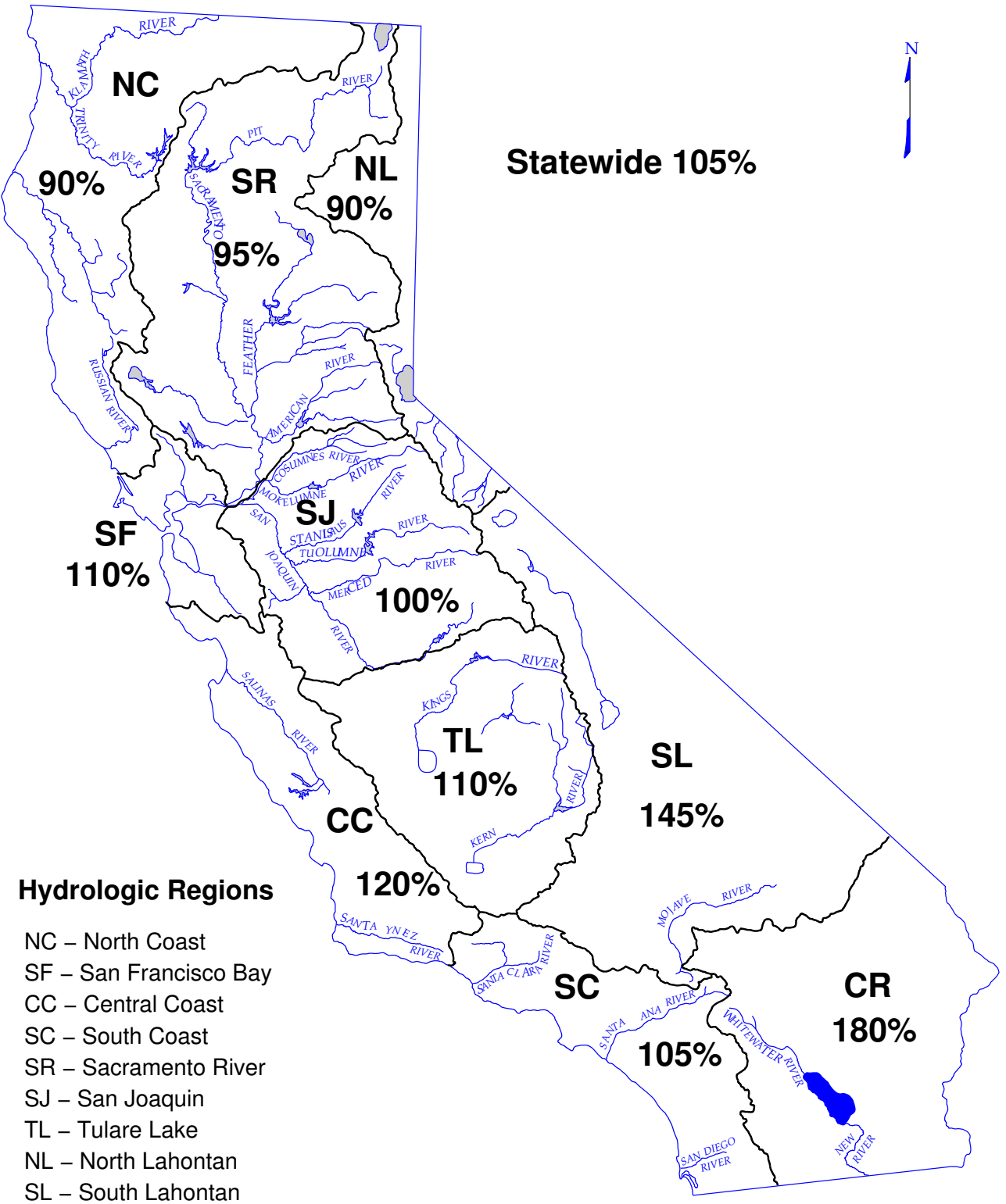
Runoff has been about 65 percent of average statewide so far this season, some 10 percent better than last year. March runoff was 70 percent of average. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin River regions during March was 2.3 million acre-feet.

Reservoir storage gained about 2.2 million acre-feet during March and now stands at 90 percent of average compared to 82 percent one year ago. Total storage is about 65 percent of capacity.

SUMMARY OF WATER CONDITIONS
IN PERCENT OF AVERAGE

HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	April 1 SNOW WATER CONTENT	April 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	90	105	70	65	115	90
SAN FRANCISCO BAY	110	--	100	65	--	--
CENTRAL COAST	120	--	95	145	--	--
SOUTH COAST	105	--	90	80	--	--
SACRAMENTO RIVER	95	105	90	65	90	75
SAN JOAQUIN RIVER	100	110	100	65	100	85
TULARE LAKE	110	120	95	90	105	100
NORTH LAHONTAN	90	95	30	60	80	75
SOUTH LAHONTAN	145	100	105	90	95	95
COLORADO RIVER-DESERT	180	--	--	--	--	--
STATEWIDE	105	105	90	65	95	80

DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
SEASONAL PRECIPITATION
IN PERCENT OF AVERAGE TO DATE
October 1, 2009 through March 31, 2010

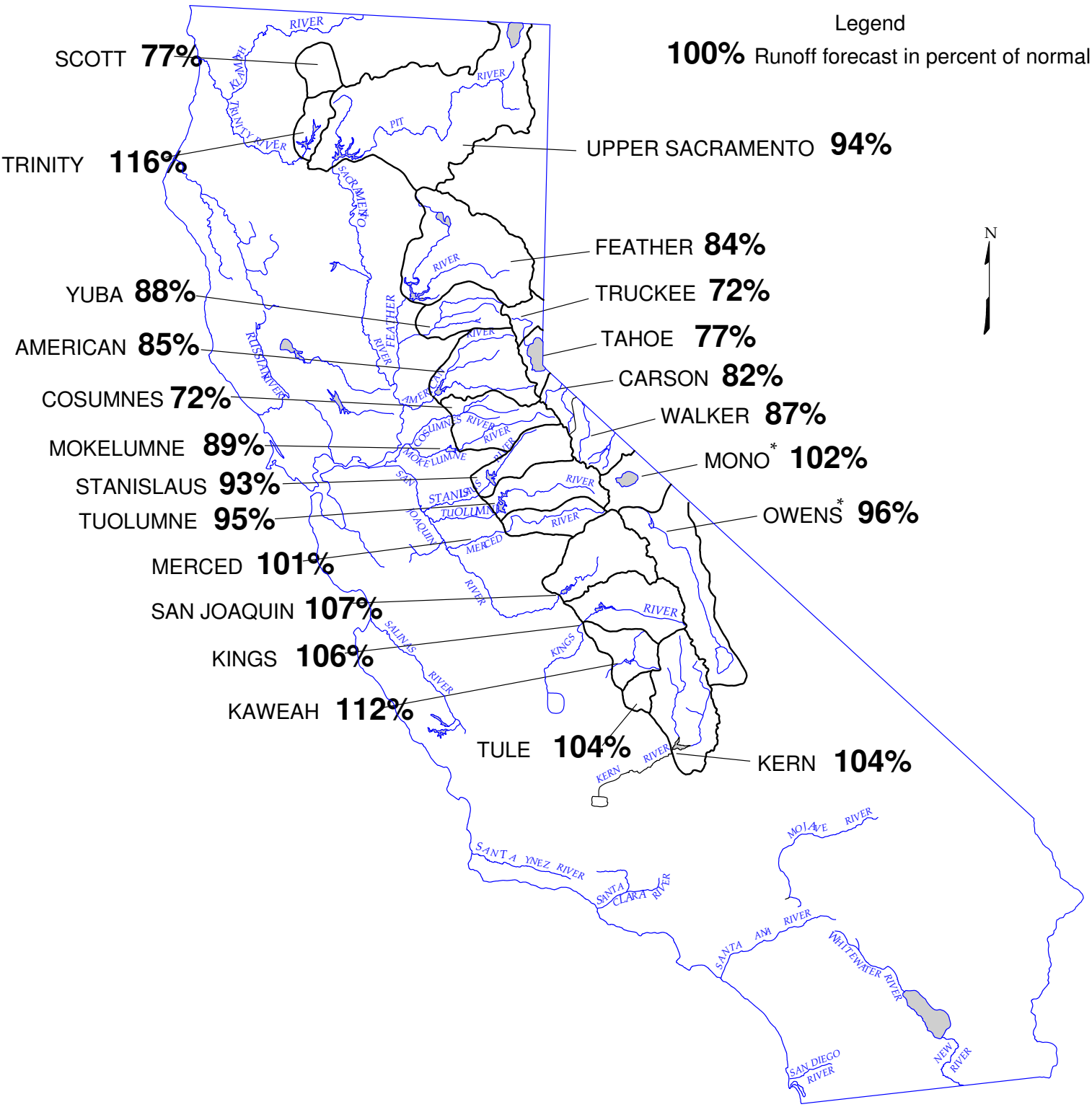


Hydrologic Regions

NC – North Coast
SF – San Francisco Bay
CC – Central Coast
SC – South Coast
SR – Sacramento River
SJ – San Joaquin
TL – Tulare Lake
NL – North Lahontan
SL – South Lahontan
CR – Colorado River–Desert

WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
FORECAST OF APRIL – JULY
UNIMPAIRED SNOWMELT RUNOFF
April 1, 2010



* FORECAST BY DEPARTMENT OF WATER AND POWER, CITY OF LOS ANGELES

APRIL 1, 2010 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

HYDROLOGIC REGION and Watershed	Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL 50 Yr Avg (2)	Max of Record	Min of Record	FORECAST Apr-Jul Forecasts	Pct of Avg	80 % Probability Range (1)
North Coast						
Trinity River at Lewiston Lake (10)	654	1,593	80	760	116%	630 - 980
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	298	711	39	350	117%	
McCloud River above Shasta Lake	392	850	185	430	110%	
Pit River near Montgomery Creek + Squaw Creek	1,066	2,098	480	870	82%	
Total Inflow to Shasta Lake	1,819	3,525	726	**1,710**	94%	1,360 - 2,490
Sacramento River above Bend Bridge, near Red Bluff	2,494	5,075	943	**2,300**	92%	1,780 - 3,440
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	270	81%	
North Fork at Pulga (3)	1,028	2,416	243	820	80%	
Middle Fork near Clio (4)	86	518	4	65	76%	
South Fork at Ponderosa Dam (3)	110	267	13	85	77%	
Feather River at Oroville	1,782	4,676	392	**1,490**	84%	1,090 - 2,340
Yuba River						
North Yuba below Goodyears Bar	279	647	51	250	90%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	95	85%	
South Yuba at Langs Crossing (3)	233	481	57	200	86%	
Yuba River near Smartsville plus Deer Creek	1,006	2,424	200	**880**	88%	610 - 1,280
American River						
North Fork at North Fork Dam (3)	262	716	43	200	76%	
Middle Fork near Auburn (3)	522	1,406	100	430	82%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	140	81%	
American River below Folsom Lake	1,240	3,074	229	**1,050**	85%	770 - 1,700
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	126	363	8	**91**	72%	45 - 205
Mokelumne River						
North Fork near West Point (5)	437	829	104	370	85%	
Total Inflow to Pardee Reservoir	461	1,065	102	**410**	89%	330 - 560
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	300	90%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	200	89%	
Stanislaus River below Goodwin Reservoir (9)	702	1,710	116	**650**	93%	530 - 900
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	300	95%	
Tuolumme River near Hetch Hetchy	604	1,392	153	580	96%	
Tuolumne River below La Grange Reservoir (9)	1,220	2,682	301	**1,160**	95%	990 - 1,550
Merced River						
Merced River at Pohono Bridge	372	888	80	390	105%	
Merced River below Merced Falls (9)	632	1,587	123	**640**	101%	540 - 880
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	1,120	109%	
Big Creek below Huntington Lake (8)	91	264	11	105	115%	
South Fork near Florence Lake (7)	201	511	58	220	109%	
San Joaquin River inflow to Millerton Lake	1,254	3,355	262	**1,340**	107%	1,150 - 1,680
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	260	109%	
Kings River below Pine Flat Reservoir	1,224	3,113	274	**1,300**	106%	1,140 - 1,600
Kaweah River below Terminus Reservoir	286	814	62	**320**	112%	270 - 440
Tule River below Lake Success	64	259	2	**66**	104%	52 - 106
Kern River						
Kern River near Kernville	384	1,203	83	410	107%	
Kern River inflow to Lake Isabella	461	1,657	84	**480**	104%	410 - 600

(1) See inside back cover for definition
(2) All 50 year averages are based on years 1956-2005 unless otherwise noted
(3) 50 year average based on years 1941-90
(4) 44 year average based on years 1936-79
(5) 36 year average based on years 1936-72
(6) 45 year average based on years 1936-81
(7) 50 year average based on years 1953-2002
(8) 50 year average based on years 1946-1995

APRIL 1, 2010 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF

Unimpaired Runoff in 1,000 Acre-Feet (1)

HISTORICAL			DISTRIBUTION									FORECAST		
50 Yr Avg (2)	Max of Record	Min of Record	Oct Thru Jan*	Feb *	Mar *	Apr	May	Jun	Jul	Aug	Sep	Water Year Forecasts	Pct of Avg	80 % Probability Range (1)
1398	2990	200	223	153.95	153	255	305	155	45	12	8	**1,310**	94%	1170 - 1550
887	1,965	165												
1,217	2,353	557												
3,159	5,150	1,484												
6,107	10,796	2,479	1,695	835	640	650	515	310	235	215	210	**5,305**	87%	4,865 - 6,240
8,907	17,180	3,294	2,585	1,350	950	885	680	420	315	270	265	**7,720**	87%	7,075 - 9,125
780	1,269	366												
2,417	4,400	666												
219	637	24												
291	562	32												
4,620	9,492	994	630	315	435	610	515	240	125	95	80	**3,045**	66%	2,595 - 3,995
564	1,056	102												
181	292	30												
379	565	98												
2,373	4,926	369	225	135	205	330	370	145	35	20	15	**1,480**	62%	1,190 - 1,900
616	1,234	66												
1,070	2,575	144												
318	705	59												
2,719	6,382	349	215	155	250	410	435	170	35	10	10	**1,690**	62%	1,395 - 2,365
390	1,253	20	32	30	45	48	31	10	2	1	0	**199**	51%	150 - 315
626	1,009	197												
755	1,800	129	50	30	60	120	185	95	9	2	2	**553**	73%	470 - 710
471	929	88												
1,171	2,952	155	105	65	100	195	285	140	30	5	5	**930**	79%	810 - 1,200
461	1,147	123												
770	1,661	258												
1,951	4,631	383	195	105	160	280	455	350	75	15	5	**1,640**	84%	1,460 - 2,060
461	1,020	92												
1,007	2,787	150	115	70	90	150	265	180	45	10	5	**930**	92%	830 - 1,190
1,337	2,964	308												
112	298	14												
248	653	71												
1,836	4,642	362	190	100	140	270	490	435	145	45	20	**1,835**	100%	1,630 - 2,220
284	607	58												
1,721	4,287	386	190	85	120	230	480	450	140	45	20	**1,760**	102%	1,590 - 2,080
454	1,402	94	66	34	48	71	120	101	28	8	4	**480**	106%	420 - 610
148	615	16	17	20	24	27	25	11	3	1	1	**129**	87%	110 - 175
558	1,577	163												
730	2,318	175	85	35	55	105	175	140	60	25	15	**695**	95%	620 - 830

* Unimpaired runoff in prior months based on measured flows

(9) Forecast point names based on USGS gage names. Stanislaus below Goodwin also known as inflow to New Melones, Tuolumne River below La Grange also known as inflow to Don Pedro, Merced River below Merced Falls also known as inflow to McClure.

(10) Coordinated Forecast by National Weather Service California-Nevada River Forecast Center and Department of Water Resources, State of California

APRIL 1, 2010 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

HYDROLOGIC REGION and Watershed	Apr-Jul Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL 50 Yr Avg (2)	Max of Record	Min of Record	FORECAST Apr-Jul Forecasts	Pct of Avg
NORTH COAST					
Scott River					
Scott River nr Ft Jones (3)	181	398	22	**140**	77%
Klamath River					
Total inflow to Upper Klamath Lake (4)	515	1,151	149	**310**	60%
NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	261	713	52	**200**	77%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	**1.0**	72%
Carson River					
West Fork Carson River at Woodfords	54	135	12	**43**	79%
East Fork Carson River near Gardnerville	187	407	43	**155**	83%
Walker River					
West Walker River below Little Walker, near Coleville	154	330	35	**135**	88%
East Walker River near Bridgeport	64	209	7	**56**	88%
SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	96	**226**	96%

(1) See inside back cover for definition

(2) All 50 year averages are based on years 1956-2005 unless otherwise noted

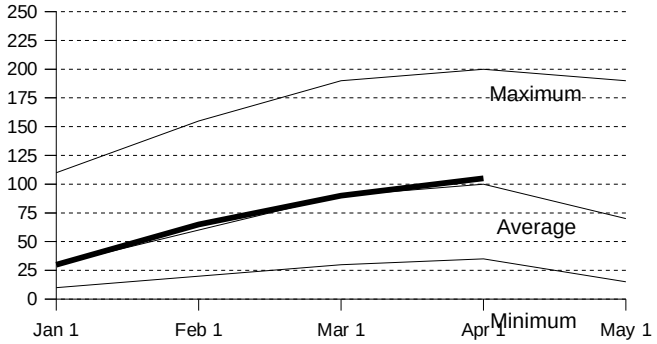
(3) Forecast by National Weather Service California-Nevada River Forecast Center. 30 yr average (1971-2000)

(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, April through September forecast, 30 year average based on years 1971-2000.

(5) Forecast by Department of Water and Power, City of Los Angeles, average based on years 1951-2000.

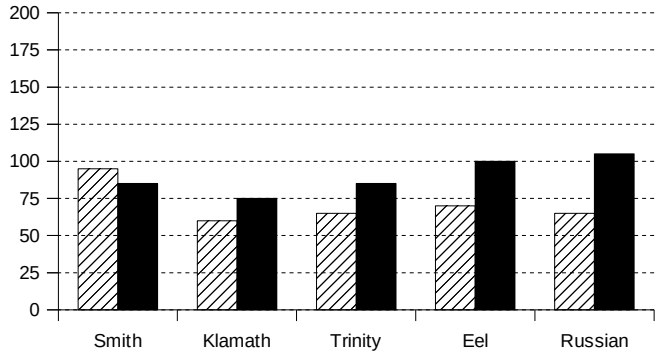
Snowpack Accumulation

Water Content in % of April 1 Average



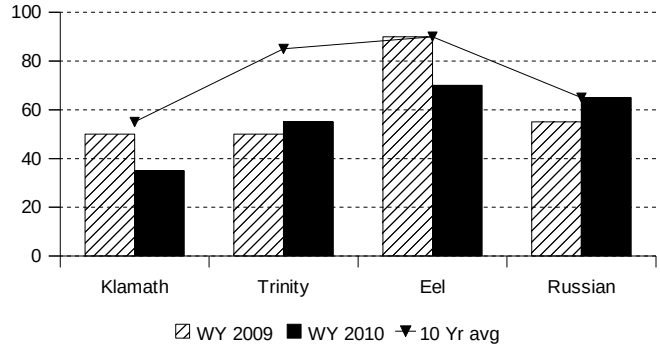
Precipitation

October 1 to date in % of Average



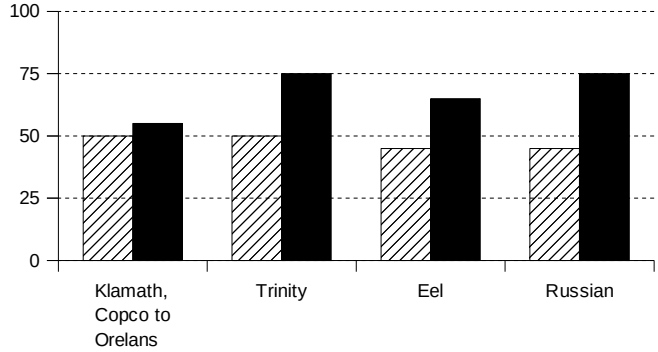
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH COAST REGION

SNOWPACK- First of the month measurements made at 12 snow courses indicate an area wide snow water equivalent of 31 inches. This is 105 percent of the April 1 average. Last year at this time the pack was holding 22.2 inches of water.

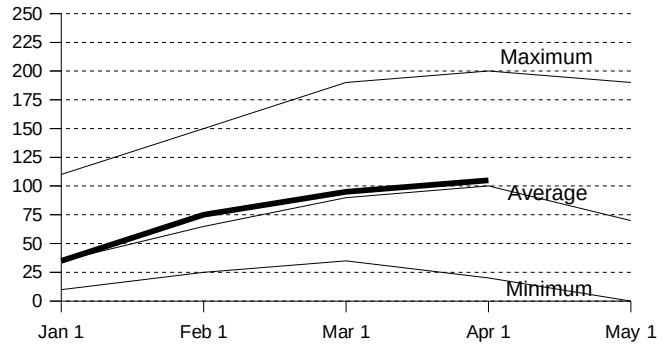
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 90 percent of normal. Precipitation last month was about 95 percent of the monthly average. Seasonal precipitation at this time last year stood at 70 percent of normal.

RESERVOIR STORAGE- First of the month storage in 6 reservoirs was 1.7 million acre-feet which is 70 percent of average. About 55 percent of available capacity was being used. Storage in these reservoirs at this time last year was 65 percent of average.

RUNOFF -Seasonal runoff of streams draining the area totaled 6.2 million acre-feet which is 65 percent of the average for this period. Last year, runoff for the same period was 45 percent of average.

Snowpack Accumulation

Water Content in % of April 1 Average

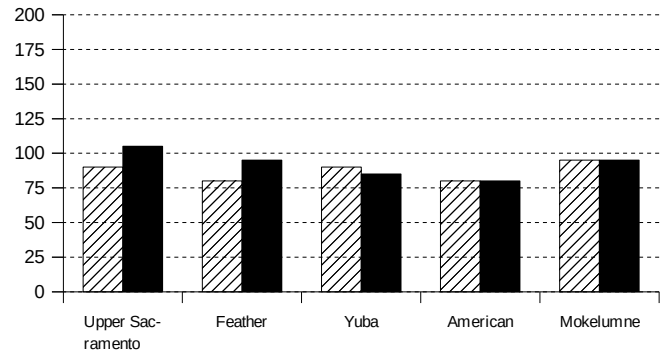


SACRAMENTO RIVER REGION

SNOWPACK- First of the month measurements made at 76 snow courses indicate an area wide snow water equivalent of 29.4 inches. This is 105 percent of the April 1 average. Last year at this time the pack was holding 25.6 inches of water.

Precipitation

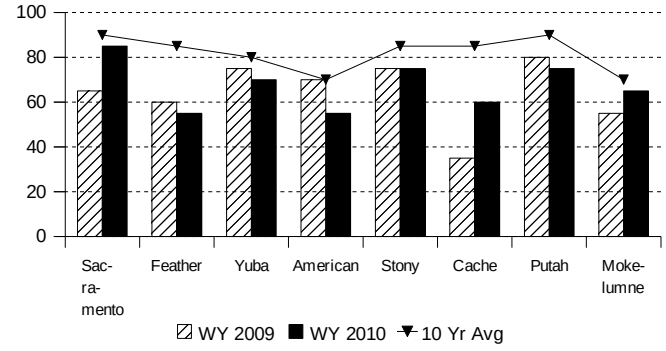
October 1 to date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 95 percent of normal. Precipitation last month was about 85 percent of the monthly average. Seasonal precipitation at this time last year stood at 85 percent of normal.

Reservoir Storage

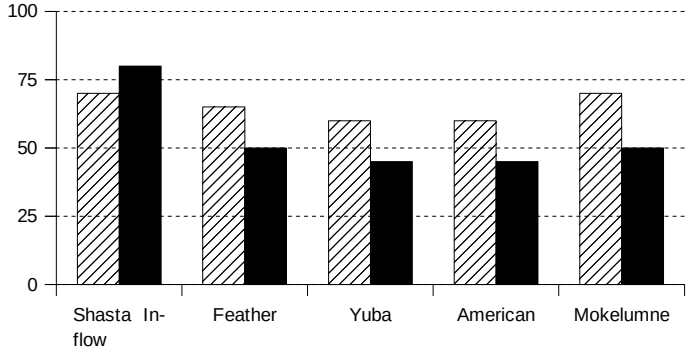
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE- First of the month storage in 43 reservoirs was 10.9 million acre-feet which is 90 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 85 percent of average.

Runoff

October 1 to date in % of average

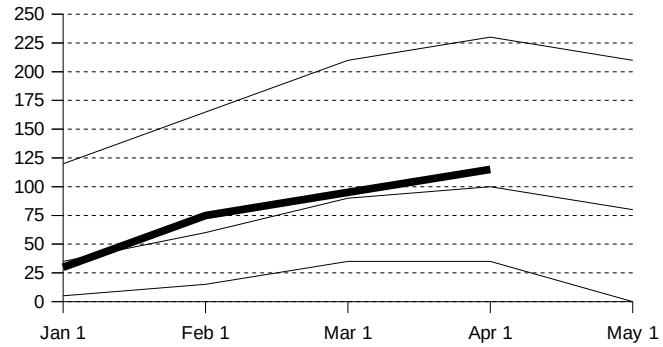


RUNOFF - Seasonal runoff of streams draining the are totaled 7.4 million acre-feet which is 65 percent of average for this period. Last year, runoff for the same period was 65 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 6.2 assuming median meteorological conditions for the remainder of the year. This classifies the year as "dry" in the Sacramento Valley according to the State Water Resources Control Board.

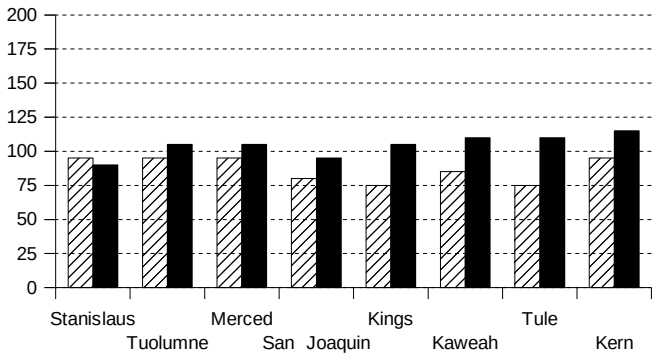
Snowpack Accumulation

Water Content in % of April 1 Average



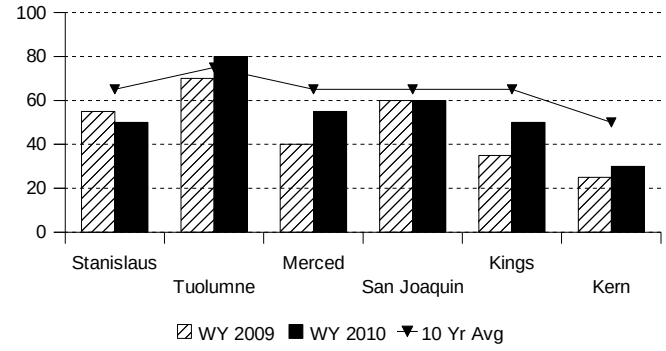
Precipitation

October 1 to date in % of Average



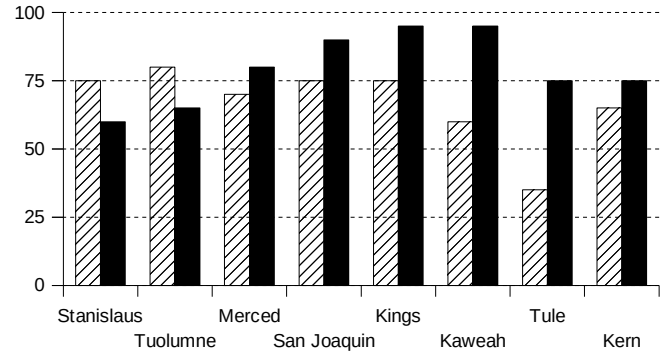
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SAN JOAQUIN RIVER AND TULARE LAKE REGIONS

SNOWPACK- First of the month measurements made at 71 **San Joaquin Region** snow courses indicate an area wide snow water equivalent of 33.5 inches. This is 110 percent of the April 1 average. Last year at this time the pack was holding 28.7 inches of water. At the same time 44 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 27.5 inches which is 120 percent of the average for April 1. Last year at this time the basin was holding 19.5 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 100 percent of normal. Precipitation last month was about 70 percent of the monthly average. Seasonal precipitation at this time last year stood at 90 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 110 percent of normal. Precipitation last month was about 60 percent of the monthly average. Seasonal precipitation at this time last year stood at 80 percent of normal.

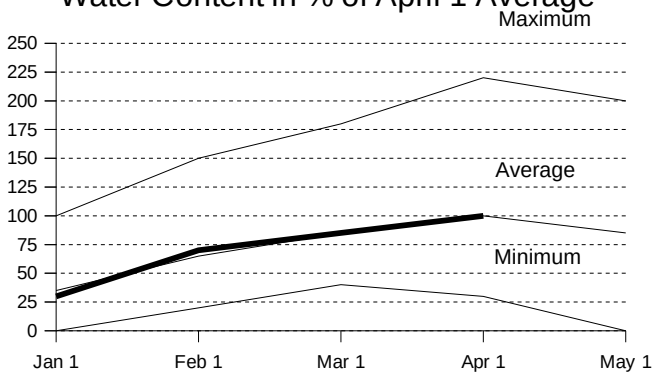
RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 7.6 million acre-feet which is 100 percent of average. About 65 percent of available capacity was being used. Storage in these reservoirs at this time last year was 85 percent of average. First of the month storage in 6 **Tulare Lake Region** reservoirs was 867 thousand acre-feet which is 95 percent of average and about 40 percent of available capacity. Storage in these reservoirs at this time last year was 75 percent of average.

RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 1.7 million acre-feet which is 65 percent of average for this period. Last year, runoff for the same period was 45 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 780 thousand acre-feet which is 90 percent of average for this period. Last year runoff for this same period was 65 percent of average.

The **San Joaquin River Region 60-20-20 Water Supply Index** is forecast to be 2.9 assuming 75 percent exceedance meteorological conditions. This classifies the year as "below normal" in the San Joaquin Region according to the State Water Resources Control Board.

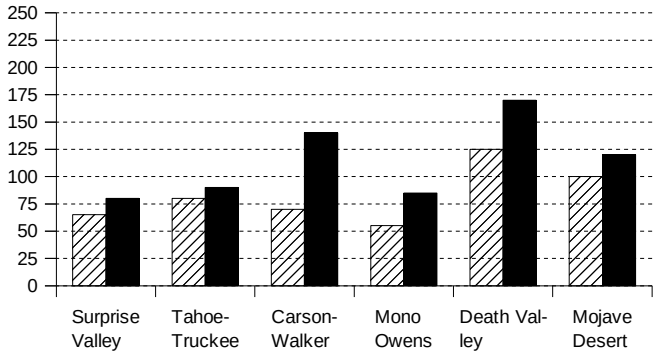
Snowpack Accumulation

Water Content in % of April 1 Average



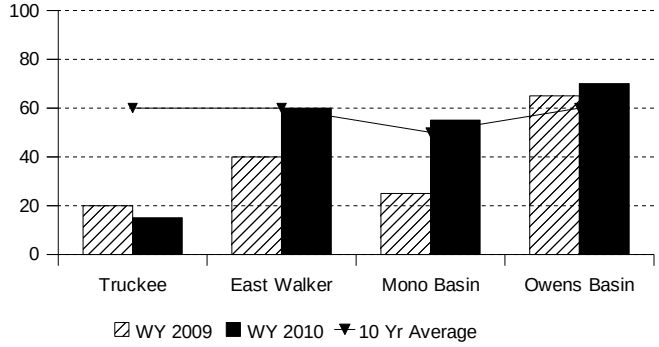
Precipitation

October 1 to date in % of Average



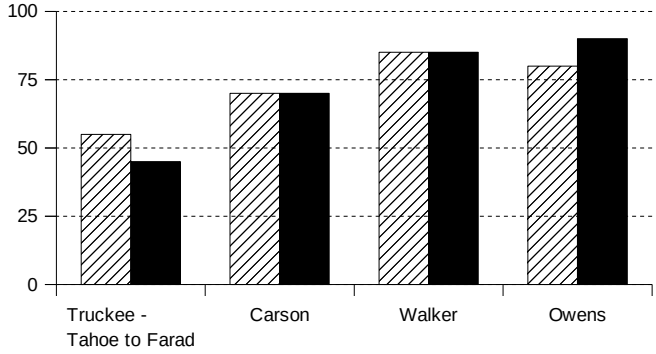
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH AND SOUTH LAHONTAN REGIONS

SNOWPACK- First of the month measurements made at 18 **North Lahontan snow** courses indicate an area wide snow water equivalent of 26.3 inches. This is 95 percent of the April 1 average. Last year at this time the pack was holding 24.8 inches of water. At the same time 21 **South Lahontan Region** snow courses indicated a basin-wide snow water equivalent of 21 inches which is 100 percent of the average for April 1. Last year at this time the basin was holding 17 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan** was 105 percent of normal. Precipitation last month was about 85 percent of the monthly average. Seasonal precipitation at this time last year stood at 75 percent of normal.

Seasonal precipitation on the **South Lahontan** was 125 percent of normal. Precipitation last month was 15 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal.

RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 185 thousand acre-feet which is 30 percent of average. About 15 percent of available capacity was being used. Storage in these reservoirs at this time last year was 40 percent of average. Lake Tahoe was .3 feet above its natural rim on April 1.

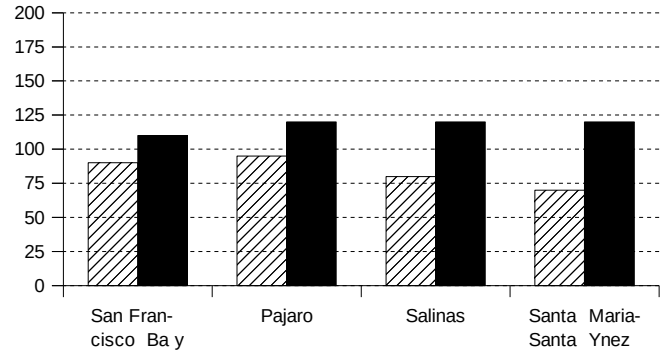
First of the month storage in 8 **South Lahontan** reservoirs was 285 thousand acre-feet which is 105 percent of average and about 70 percent of available capacity. Storage in these reservoirs at this time last year was 95 percent of average.

RUNOFF- Seasonal runoff of streams draining the **North Lahontan Region** totaled 179 thousand acre-feet which is 60 percent of average for this period. Last year, runoff for the same period was 65 percent of average.

Seasonal runoff of the Owens River in the **South Lahontan** totaled 58 thousand acre-feet which is 90 percent of average for this period. Last year runoff for this same period was 80 percent of average.

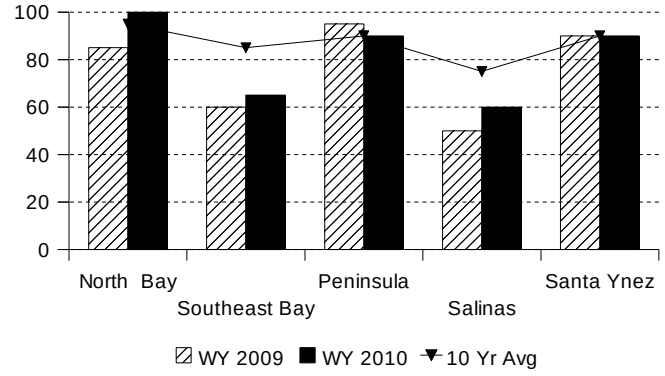
Precipitation

October 1 to date in % of Average



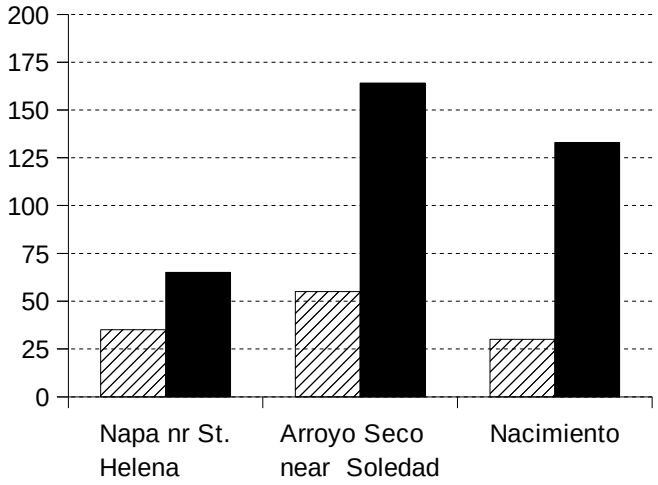
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 110 percent of normal. Precipitation last month was 90 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal.

Seasonal precipitation on the **Central Coast Region** was 120 percent of normal. Precipitation last month was about 55 percent of the monthly average. Seasonal precipitation at this time last year stood at 80 percent of normal.

RESERVOIR STORAGE- First of the month storage in 14 **San Francisco Bay Region** reservoirs was 403 thousand acre-feet which is 100 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 95 percent of average.

First of the month storage in 6 **Central Coast Region** reservoirs was 648 thousand acre-feet which is 95 percent of average and about 65 percent of available capacity. Storage in these reservoirs at this time last year was 80 percent of average.

RUNOFF- Seasonal runoff of the Napa River in the **San Francisco Bay Region** totaled 44 thousand acre-feet which is 65 percent of average for this period. Last year, runoff for the same period was 35 percent of average.

Seasonal runoff of streams draining the **Central Coast Region** totaled 411 thousand acre-feet which is 145 percent of average for this period. Last year runoff for this same period was 35 percent of average.

SOUTH COAST AND COLORADO RIVER REGIONS

PRECIPITATION - October through March (seasonal) precipitation on the **South Coast Region** is 105 percent of normal. March precipitation was 20 percent of the monthly average. Seasonal precipitation at this time last year was 70 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** is 180 percent of normal. March precipitation was 190 percent of the monthly average. Seasonal precipitation at this time last year stood at 90 percent of average.

RESERVOIR STORAGE – March 31 storage in 29 major **South Coast Region** reservoirs is 1.4 million acre-feet or 90 percent of average. About 70 percent of available capacity is being used. Storage in these reservoirs at this time last year was 85 percent of average.
On March 31 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 27.5 million acre-feet or about 70 percent of average. About 50 percent of available capacity was in use. Last year at this time, these reservoirs were storing 65 percent of average.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams totaled 30 thousand acre-feet which is 80 percent of average. Seasonal runoff from these streams last year was 40 percent of average.

COLORADO RIVER - The April -July inflow to Lake Powell is forecast to be 5 million acre-feet, which is 63 percent of average. The April 1 snowpack in the Colorado River basin above Lake Powell is 100 percent, highest in the Escalante at 105 percent and lowest in the Upper Green at 70 percent.

MAJOR WATER DISTRIBUTION PROJECTS

RESERVOIR STORAGE

(AVERAGES BASED ON 1951-2000 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	STORAGE AT END OF March 2009 1,000 AF	2010 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
STATE WATER PROJECT						
Lake Oroville	3,538	2,754	1,978	1,650	60%	47%
San Luis Reservoir (SWP)	1,062	991	597	834	84%	79%
Lake Del Valle	77	37	39	41	110%	53%
Lake Silverwood	73	67	71	70	105%	96%
Pyramid Lake	171	164	168	168	102%	98%
Castaic Lake	325	286	280	270	94%	83%
Perris Lake	132	118	62	67	56%	51%
CENTRAL VALLEY PROJECT						
Trinity Lake	2,448	1,960	1,194	1,303	66%	53%
Lake Shasta	4,552	3,736	2,881	3,869	104%	85%
Whiskeytown Lake	241	212	213	214	101%	89%
Folsom Lake	977	626	746	562	90%	58%
New Melones Reservoir	2,420	1,486	1,288	1,267	85%	52%
Millerton Lake	520	360	391	421	117%	81%
San Luis Reservoir (CVP)	971	883	409	881	100%	91%
COLORADO RIVER PROJECT						
Lake Mead	26,159	20,218	12,164	11,550	57%	44%
Lake Powell	24,322	18,197	12,774	13,696	75%	56%
Lake Mohave	1,810	1,679	1,655	1,676	100%	93%
Lake Havasu	619	557	556	564	101%	91%
EAST BAY MUNICIPAL UTILITY DISTRICT						
Pardee Res	198	182	178	168	92%	85%
Camanche Reservoir	417	260	202	326	125%	78%
East Bay (4 res.)	147	135	126	132	98%	90%
CITY AND COUNTY OF SAN FRANCISCO						
Hetch-Hetchy Reservoir	360	140	244	263	189%	73%
Cherry Lake	268	130	228	246	189%	92%
Lake Eleanor	26	12	24	20	166%	76%
South Bay/Peninsula (4 res.)	225	178	168	168	94%	75%
CITY OF LOS ANGELES (D.W.P.)						
Lake Crowley	183	129	123	133	104%	73%
Grant Lake	48	27	10	35	128%	74%
Other Aqueduct Storage (6 res.)	83	77	52	56	72%	67%

TELEMETERED SNOW WATER EQUIVALENTS

April 1, 2010

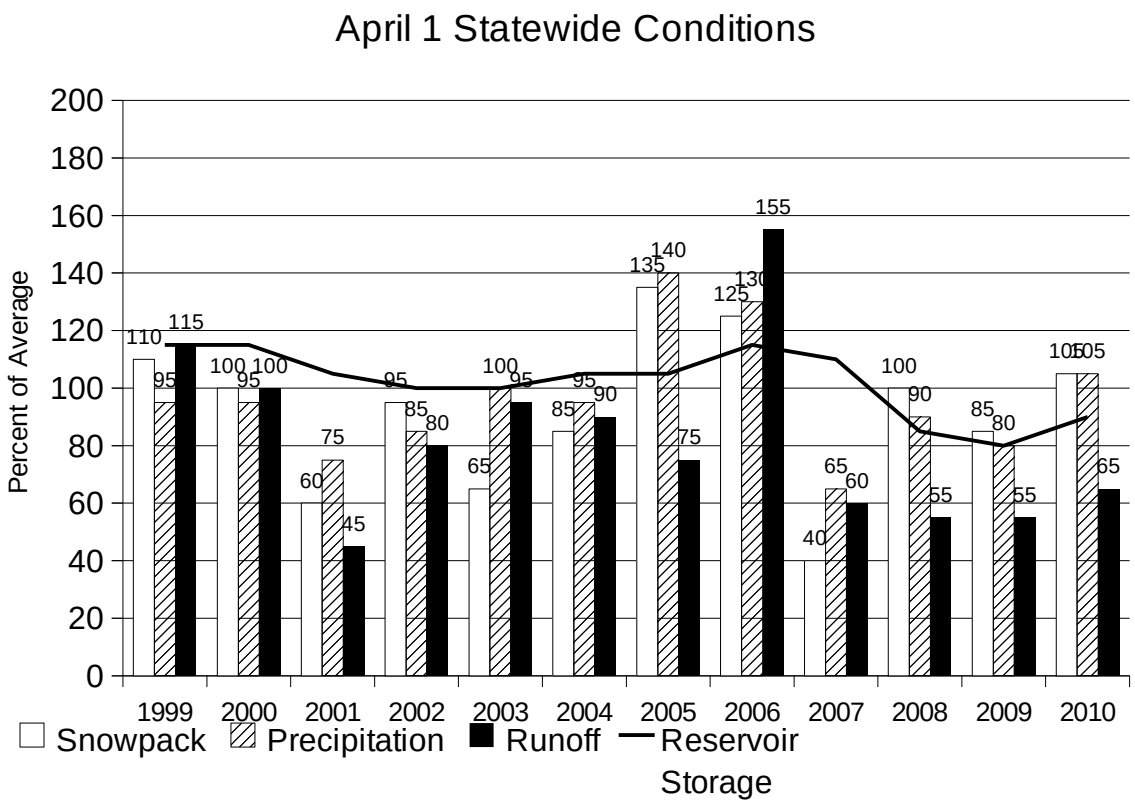
(AVERAGES BASED ON PERIOD RECORD)

BASIN NAME / STATION NAME	ELEV	APRIL 1 AVERAGE	INCHES OF WATER EQUIVALENT Apr 1	PERCENT OF AVERAGE	24 HRS PREVIOUS	1 WEEK PREVIOUS
TRINITY RIVER						
Peterson Flat	7150’	29.2	35.6	122.1	35.4	34.6
Red Rock Mountain	6700’	39.6	63.9	161.5	63.5	60.1
Bonanza King	6450’	40.5	54.5	134.6	55.0	54.0
Shimmy Lake	6400’	40.3	54.7	135.6	53.7	48.6
Middle Boulder 3	6200’	28.3	42.5	150.0	42.4	41.6
Highland Lakes	6030’	29.9	61.0	203.9	60.1	62.8
Scott Mountain	5900’	16.0	30.6	191.2	30.8	30.5
Mumbo Basin	5650’	22.4	41.0	183.2	40.3	40.4
Big Flat	5100’	15.8	25.5	161.5	25.4	25.8
Crowder Flat	5100’	—	0.3	—	0.3	0.0
SACRAMENTO RIVER						
Cedar Pass	7100’	18.1	12.8	70.7	12.8	11.4
Blacks Mountain	7050’	12.7	12.5	98.2	12.2	12.1
Sand Flat	6750’	42.4	54.3	128.0	54.1	53.7
Medicine Lake	6700’	32.6	27.0	82.8	26.6	22.8
Adin Mountain	6200’	13.6	12.8	94.1	12.9	11.9
Snow Mountain	5950’	27.0	37.4	138.7	37.1	37.7
Slate Creek	5700’	29.0	76.7	264.5	74.7	83.2
Stouts Meadow	5400’	36.0	47.6	132.2	46.9	48.2
FEATHER RIVER						
Lower Lassen Peak	8250’	—	79.5	—	79.0	73.2
Kettle Rock	7300’	25.5	23.2	90.8	22.6	21.7
Grizzly Ridge	6900’	29.7	27.1	91.2	26.7	25.4
Pilot Peak	6800’	52.6	38.4	73.0	37.9	35.2
Gold Lake	6750’	36.5	42.5	116.4	42.0	38.4
Humbug	6500’	28.0	42.0	150.1	41.4	39.1
Harkness Flat	6200’	28.5	30.7	107.8	30.3	30.1
Rattlesnake	6100’	14.0	25.0	178.3	24.4	24.7
Bucks Lake	5750’	44.7	55.8	124.8	55.4	55.9
Four Trees	5150’	20.0	29.5	147.6	29.4	31.3
EEL RIVER						
Noel Spring	5100’	—	—	—	—	—
YUBA & AMERICAN RIVERS						
Lake Lois	8600’	39.5	46.5	117.6	45.3	37.6
Schneiders	8750’	34.5	37.9	109.9	36.9	34.3
Carson Pass	8353’	—	31.8	—	31.5	29.7
Caples Lake	8000’	30.9	29.0	94.0	28.4	27.5
Alpha	7600’	35.9	31.4	87.4	31.1	26.7
Meadow Lake	7200’	55.5	43.7	78.7	43.0	38.4
Silver Lake	7100’	22.7	25.7	113.3	25.4	23.9
Central Sierra Snow Lab	6900’	33.6	38.6	114.9	38.5	35.8
Huysink	6600’	42.6	33.5	78.6	33.1	31.9
Van Vleck	6700’	35.9	39.8	110.9	39.1	38.2
Robinson Cow Camp	6480’	—	—	—	—	—
Robbs Saddle	5900’	21.4	27.5	128.3	26.7	26.0
Greek Store	5600’	21.0	28.5	135.7	28.1	27.6
Blue Canyon	5280’	9.0	16.6	184.9	16.4	17.0
Robbs Powerhouse	5150’	5.2	16.1	310.4	15.8	15.9
MOKELUMNE & STANISLAUS RIVERS						
Deadman Creek	9250’	37.2	26.3	70.7	25.9	24.1
Highland Meadow	8700’	47.9	—	—	—	—
Gianelli Meadow	8400’	55.5	35.4	63.8	34.9	35.5
Lower Relief Valley	8100’	41.2	37.4	90.7	37.2	35.8
Blue Lakes	8000’	33.1	26.6	80.4	26.5	24.8
Mud Lake	7900’	44.9	—	—	—	—
Stanislaus Meadow	7750’	47.5	41.2	86.8	40.9	39.8
Bloods Creek	7200’	35.5	28.1	79.1	27.7	27.5
Black Springs	6500’	32.0	33.0	103.1	32.5	32.4
TUOLUMNE & MERCED RIVERS						
Tioga Pass Entrance	9945’	—	—	—	—	—
Dana Meadows	9800’	27.7	27.3	98.6	27.0	26.7
Slide Canyon	9200’	41.1	35.3	86.0	34.9	32.7
Lake Tenaya	8150’	33.1	32.8	99.1	32.2	31.7
Tuolumne Meadows	8600’	22.6	18.9	83.5	18.0	18.5
Horse Meadow	8400’	48.6	44.5	91.5	44.0	42.0
Ostrander Lake	8200’	34.8	32.5	93.5	32.0	32.2
White Wolf	7900’	—	29.8	—	29.4	28.6
Paradise Meadow	7650’	41.3	—	—	—	—
Gin Flat	7050’	34.2	—	—	—	—
Lower Kibbie Ridge	6700’	27.4	23.4	85.4	23.2	23.6

SAN JOAQUIN RIVER						
Volcanic Knob	10050’	30.1	13.7	45.5	13.3	13.2
Agnew Pass	9450’	32.3	30.2	93.4	29.6	29.3
Kaiser Point	9200’	37.8	27.4	72.4	27.4	27.6
Green Mountain	7900’	30.8	31.9	103.7	30.9	31.4
Devil’s Postpile	7569’	—	18.8	—	17.1	19.4
Tamarack Summit	7550’	30.5	31.4	102.9	30.8	31.9
Chilkoot Meadow	7150’	38.0	43.9	115.6	43.4	44.8
Huntington Lake	7000’	20.1	28.9	143.9	28.2	29.8
Graveyard Meadow	6900’	18.8	28.4	151.3	28.2	29.0
Poison Ridge	6900’	28.9	38.4	132.9	37.2	38.0
KINGS RIVER						
Bishop Pass	11200’	34.0	31.7	93.2	31.1	30.9
Charlotte Lake	10400’	27.5	26.8	97.3	26.4	26.4
State Lakes	10300’	29.0	30.8	106.2	29.7	29.9
Mitchell Meadow	9900’	32.9	—	—	—	—
Blackcap Basin	10300’	34.3	38.4	111.8	37.3	37.3
Upper Burnt Corral	9700’	34.6	38.6	111.7	37.7	37.5
West Woodchuck Meadow	9100’	32.8	36.0	109.8	36.0	36.0
Big Meadows	7600’	25.9	28.5	110.2	27.7	29.0
KAWEAH & TULE RIVERS						
Farewell Gap	9500’	34.5	42.2	122.4	41.6	41.3
Quaking Aspen	7200’	21.0	30.3	144.3	30.2	32.0
Giant Forest	6650’	10.0	18.1	181.0	18.0	20.3
KERN RIVER						
Upper Tyndall Creek	11400’	27.7	19.3	69.7	19.3	19.4
Crabtree Meadow	10700’	19.8	17.8	90.1	17.7	17.9
Chagoopa Plateau	10300’	21.8	22.4	102.8	23.4	23.1
Pascoes	9150’	24.9	—	—	—	—
Tunnel Guard Station	8900’	15.6	15.2	97.6	15.1	16.5
Wet Meadows	8950’	30.3	32.2	106.3	32.0	33.9
Casa Vieja Meadows	8300’	20.9	26.7	127.7	27.1	25.4
Beach Meadows	7650’	11.0	—	—	—	—
TRUCKEE RIVER						
Independence Lake	8450’	41.4	37.2	89.9	37.1	33.2
Big Meadows	8700’	25.7	22.0	85.6	22.0	20.4
Squaw Valley	8200’	46.5	43.0	92.5	42.5	36.8
Independence Camp	7000’	21.8	16.3	74.8	16.3	15.6
Independence Creek	6500’	12.7	15.0	118.1	15.0	14.5
Truckee 2	6400’	14.3	19.4	135.7	19.1	18.6
LAKE TAHOE BASIN						
Mount Rose Ski Area	8900’	38.5	32.1	83.4	32.0	28.9
Heavenly Valley	8800’	28.1	21.4	76.2	21.6	19.7
Hagans Meadow	8000’	16.5	15.1	91.5	15.2	14.3
Marlette Lake	8000’	21.1	22.4	106.2	22.2	20.7
Echo Peak 5	7800’	39.5	34.2	86.6	33.8	31.2
Rubicon Peak 2	7500’	29.1	25.0	85.9	24.0	22.1
Tahoe City Cross	6750’	16.0	9.7	60.6	9.6	9.8
Ward Creek 3	6750’	39.4	34.5	87.6	34.1	30.6
Fallen Leaf Lake	6250’	7.0	5.0	71.4	4.8	6.4
CARSON RIVER						
Ebbetts Pass	8700’	38.8	33.6	86.6	33.6	33.4
Horse Meadow	8557’	—	18.9	—	18.8	17.6
Burnside Lake	8129’	—	25.6	—	25.7	24.5
Forestdale Creek	8017’	—	33.0	—	32.6	30.7
Poison Flat	7900’	16.2	14.1	87.0	14.1	15.0
Monitor Pass	8350’	—	15.2	—	15.2	15.1
Spratt Creek	6150’	4.5	0.0	0.0	0.0	3.2
WALKER RIVER						
Leavitt Lake	9600’	—	50.6	—	50.9	47.5
Summit Meadow	9313’	—	22.5	—	22.5	21.6
Virginia Lakes	9300’	20.3	15.0	73.9	15.0	14.2
Lobdell Lake	9200’	17.3	16.8	97.1	16.5	16.2
Sonora Pass Bridge	8750’	26.0	23.6	90.8	23.5	21.7
Leavitt Meadows	7200’	8.0	13.7	171.2	13.7	14.6
OWENS RIVER/MONO LAKE						
Gem Pass	10750’	31.7	36.4	114.8	36.2	35.9
Sawmill	10200’	19.4	14.2	73.0	13.2	13.6
Cottonwood Lakes	10150’	11.6	19.4	167.2	18.8	19.6
Big Pine Creek	9800’	17.9	16.3	91.0	15.8	15.7
South Lake	9600’	16.0	17.8	111.0	17.3	17.4
Mammoth Pass	9300’	42.4	36.5	86.0	35.3	34.3
Rock Creek Lakes	9700’	14.0	—	—	—	—

NORMAL SNOWPACK ACCUMULATION EXPRESSED AS A PERCENT OF APRIL 1ST AVERAGE

AREA	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Central Valley North	45%	70%	90%	100%	75%
Central Valley South	45%	65%	85%	100%	80%
North Coast	40%	60%	85%	100%	80%



SNOWLINES

Western Snow Conference is conducting their annual meeting April 19-23. Plan now for next year's meeting, which will be hosted by the South Pacific Division in South Lake Tahoe. For further information contact Frank Gehrke at 916-574-2635 or gridley@water.ca.gov Information is available on the web at http://www.westernsnowconference.org.

Depicted on this month's cover is a Cal Trans plow beginning to open Tioga Road this year. Cal Trans maintains Tioga Road, State Highway 120, from Lee Vining West to the Yosemite National Park entrance.